

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047316 A2

(51) International Patent Classification⁷: **C07K 14/46**,
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(21) International Application Number:
PCT/EP2004/013693

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(22) International Filing Date:
17 November 2004 (17.11.2004)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EB, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0326720.0 17 November 2003 (17.11.2003) GB

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(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: INSULIN RELEASING PEPTIDES

(57) Abstract: The present invention relates to peptides, or fragments thereof, as stimulators of insulin secretion and pancreatic beta cell function, the, or each, peptide having at least 80%, preferably at least 85%, more preferably at least 90%, optionally more than 95%, sequence identity based on the ClustalW alignment method with the respective amino acid sequences of SEQ ID Nos. 1 to 17. The invention also includes peptides selected from the group comprising brevinins, dermaseptins and esculentins for stimulating insulin secretion by activation of physiological stimulus-secretion coupling pathways. These peptides are useful to stimulate insulin secretion and/or moderate blood glucose excursions. These peptides may be used for treatment of type 1 or type 2 diabetes mellitus.

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